U.S. ARMY CORPS OF ENGINEERS

Rock Island District

US Army Corps of Engineers®

SERVING FIVE RIVER BASINS IN FIVE STATES

FLOOD DAMAGE REDUCTION

NAVIGATION

EMERGENCY MANAGEMENT

ECOSYSTEM RESTORATION

RECREATION

A LEADER IN INTEGRATED WATER RESOURCES MANAGEMENT

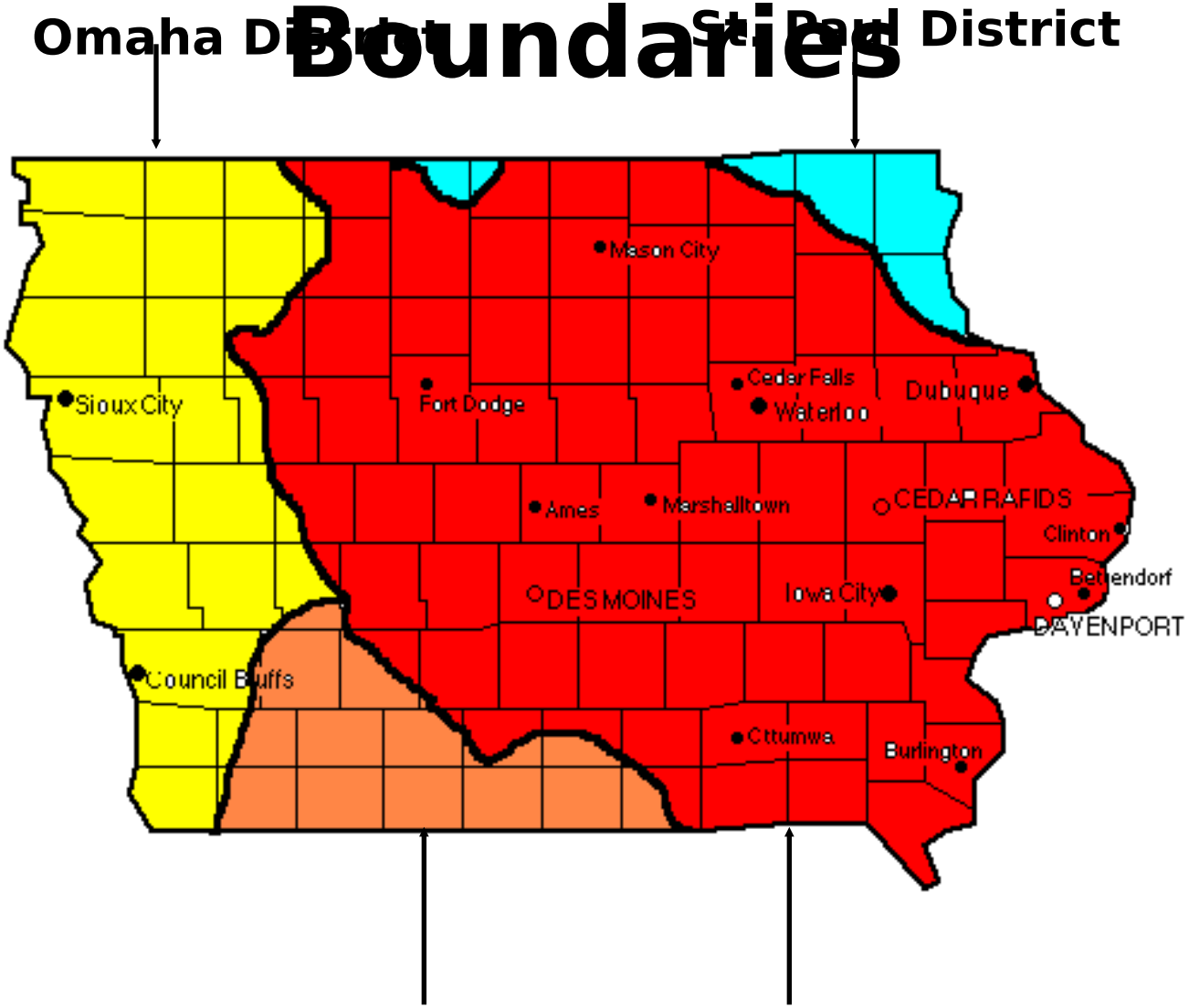
At The Heart of the Upper Mississippi River System

Presentation
To

State of Iowa Officials

April 4, 2008

Geographical Boundaries

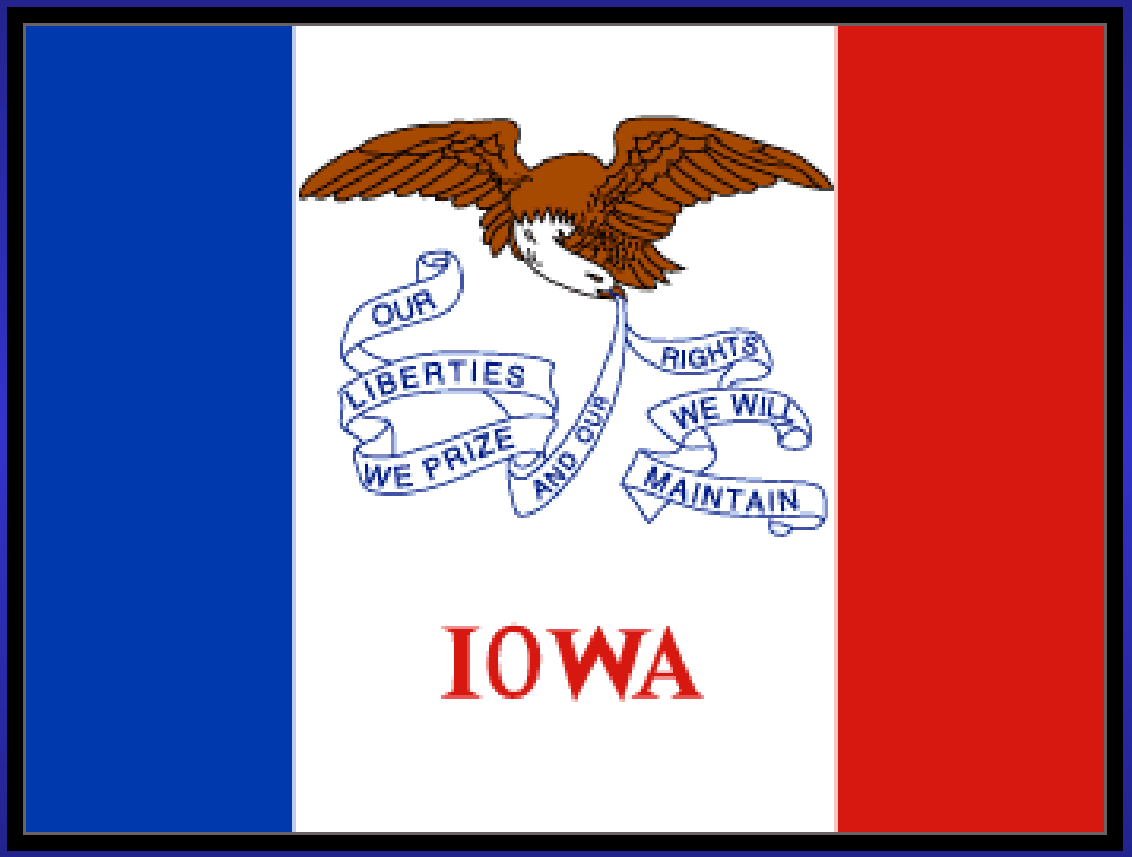


US Army Corps of Engineers®

TODAY'S AGENDA

- Welcoming Remarks
  - COL Robert A. Sinkler
  - Mr. Paul Tauke
- Northwestern Division – Mr. Mike George
- Kansas City District – Mr. John Grothaus
- Omaha District – Mr. David Brandon
- Rock Island District – COL Robert Sinkler
- State Discussion – Mr. Paul Tauke
- Closing Remarks
  - Mr. Paul Tauke
  - COL Robert A. Sinkler

US Army Corps of Engineers®



U.S. ARMY CORPS OF ENGINEERS

Rock Island District

US Army Corps of Engineers®

SERVING FIVE RIVER BASINS IN FIVE STATES

FLOOD DAMAGE REDUCTION

NAVIGATION

EMERGENCY MANAGEMENT

ECOSYSTEM RESTORATION

RECREATION

A LEADER IN INTEGRATED WATER RESOURCES MANAGEMENT

At The Heart of the Upper Mississippi River System

Presentation
To The

State of Iowa Officials

By
Colonel Robert Sinkler
Commander, Rock Island District

April 4, 2008

US Army Corps of Engineers®

Rock Island District

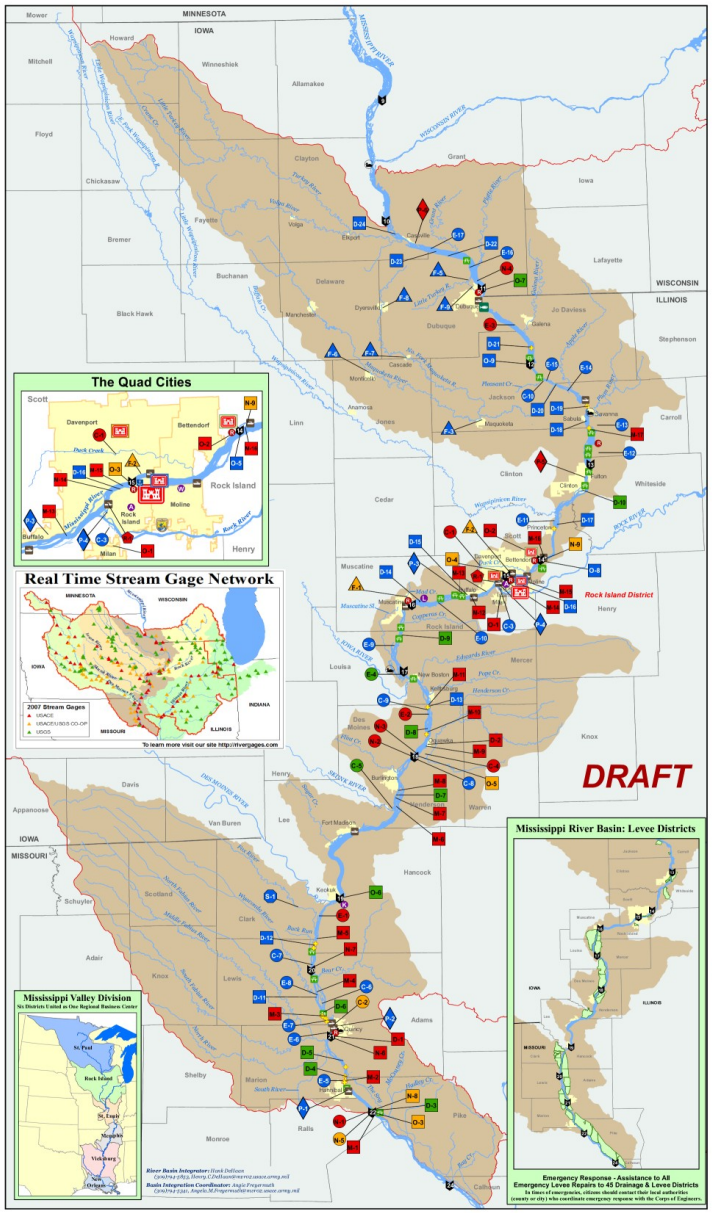
- 5 major river basins - 78,000 square miles
- Portions of 5 states
- Operate 582 miles of 9-foot navigation channel
- 20 locks and dams
- 2nd longest navigation channel of any Corps District
- 2nd largest number of locks of any Corps District
- 130 levee districts, 750 miles of levees
- Small military construction program

One Corps Serving the Armed Forces and the Nation

Mississippi River Basin

Corps Contributions to Interagency Integrated Water Resources Management

1995-2015


MINNESOTA
IOWA
WISCONSIN
ILLINOIS
MISSOURI
The Quad Cities
Real Time Stream Gage Network
2007 Stream Gages
To learn more visit our site http://rivergages.com
Rock Island District
DRAFT
Mississippi River Basin: Levee Districts
Mississippi Valley Division
No Shortcut Used or One Regional Business Center
River Basin Integrator: Rock Dellinger (309)794-5783, Henry.C.Dellinger@mvr02.usace.army.mil
Basin Integration Coordinator: Angie Fergerstrom (309)794-5341, Angela.M.Fergerstrom@mvr02.usace.army.mil
Emergency Response - Assistance to All
Emergency Levee Repairs to 45 Drainage & Levee Districts
In times of emergencies, citizens should contact their local authorities (county or city) who coordinate emergency response with the Corps of Engineers.

ECOSYSTEM RESTORATION

Environmental Management Program
- E-1 Fox Island, MO HREP
- E-2 Huron Island, IL HREP
- E-3 Pool 12 Overwintering HREP IA/IL
- E-4 Lake Odessa, IA HREP
- E-5 Bay Island, MO HREP
- E-6 Monkey Chute, MO HREP
- E-7 Cottonwood Island, MO HREP
- E-8 Gardner Division , IL HREP
- E-9 Big Timber, IA HREP
- E-10 Andalusia Refuge, IL HREP
- E-11 Princeton Refuge, IA HREP
- E-12 Potters Marsh, IL HREP
- E-13 Spring Lake, IL HREP
- E-14 Brown's Lake, IA HREP
- E-15 Pleasant Creek, IA HREP
- E-16 Pool 11 Islands, IA/WI HREP
- E-17 Bottom-McCartney Lakes, WI HREP

Navigation & Ecosystem Sustainability Program (NESP)
- N-1 Fish Passage Lock & Dam 22
- N-2 Pool 19 Water Level Management
- N-3 Pool 19 Island Building
- N-4 Pool 11 Island Building

Section 206
- C-1 Duck Creek, IA
- C-2 Quincy Bay, IL
- C-3 Milan Bottoms, IL

Section 204
- C-4 Henderson 3, IL
- C-5 Blackhawk Bottoms, IA

Section 1135
- C-6 Mississippi River Mast Tree Planting, IL
- C-7 Buck Run, MO
- C-8 Oquawka, IL
- C-9 Mississippi River Mast Tree Planting, IA
- C-10 Mississippi River Mast Tree Planting, IA

FLOOD DAMAGE REDUCTION
- F-1 Mud Creek at Muscatine, IA
- F-2 Davenport, IA
- F-3 Maquoketa, IA Sec. 205
- F-5 Little Maquoketa River, IA Sec. 205 & 206
- F-6 Monticello, IA Sec. 205
- F-7 Cascade, IA Sec. 205
- F-8 Dyersville, IA Sec. 205
- F-9 Cedar Valley, IA Sec. 205

Regional Studies
- Mainstem Levee Systems Evaluation Project (Funded by FEMA)
- National Levee GIS Database
- Upper Mississippi River Comprensive Plan
- Upper Mississippi River System Flow Frequency Study

EMERGENCY BANK PROTECTION

Section 14
- S-1 Highway 61 Bridge, Fox River, MO

INFORMATION SERVICES & DECISION SUPPORT

Section 22 Planning Assistance to States (PAS)
- P-2 Mid America Port Commission Study
- P-3 Buffalo, IA
- P-4 Sunset Marina, Rock Island, IL

Flood Plain Management Services (FPMS)
- P-1 Hannibal Harbor Recon Study (905b)
- P-5 Joyces Slough, Clinton, IA
- P-6 Jack Oak Slough Siltation & Erosion Study

NAVIGATION

Navigation & Ecosystem Sustainability Program (NESP)
- N-5 Switchgrass Lock & Dam 22
- N-6 New 1200' Lock, Lock & Dam 21
- N-7 New 1200' Lock, Lock & Dam 20
- N-8 New 1200' Lock, Lock & Dam 22
- N-9 Lock & Dam 14 Mooring Cells

Operations & Maintenance
- O-1 Mill Creek South Slough, Illinois
- O-2 Mississippi River Project Office
- O-3 Lock 22 Gate Replacement
- O-4 Lock & Dam 15 Hydroturbine
- O-5 Lock & Dam 16, Dam Rehabilitation
- O-6 Lock & Dam 19 Rehabilitation & Major Maintenance
- O-7 Lock & Dam 11 Rehabilitation & Major Maintenance
- O-8 Lock & Dam 14 Rehabilitation & Major Maintenance
- O-9 Lock & Dam 12 Rehabilitation & Major Maintenance

FY07 Channel Maintenance Dredging Projects
- M-1 Lock 22 Lower Cut
- M-2 Turtle Island Cut
- M-3 Hogback/Lone Tree Cut
- M-4 Howards Crossing Cut
- M-5 Gregory Lower Cut
- M-6 Kemp's Landing Lower Cut
- M-7 Cowgirl Island Cut
- M-8 Burlington Bluff Cut
- M-9 Oquawka Cut
- M-10 Benton Island Cut
- M-11 Keithsburg Lower Cut
- M-12 Buffalo Cut
- M-13 Linwood Cut
- M-14 Centennial Bridge Cut
- M-15 Lock 15 Upper Cut
- M-16 Lock 14 Upper Cut
- M-17 Sabula Lower Cut

Dredged Material Management Program (DMMP)
- D-1 Lock 21 Lower
- D-2 Oquawka Reach
- D-3 Lock 22 Reach
- D-4 Whitney Light
- D-5 NE Missouri Power Reach/Bebee Island
- D-6 Hogback Reach
- D-7 Kemps Cowgirl Reach
- D-8 Benton Island
- D-9 Bass Island
- D-10 Beaver Island
- D-11 Howard's Crossing/La Grange Reach
- D-12 Buzzard Island
- D-13 Keithsburg Reach
- D-14 Hershy Chute
- D-15 Buffalo
- D-16 Lock 15 Lower Reach
- D-17 Steamboat Slough
- D-18 Sabula Reach
- D-19 Savanna Bay
- D-20 Maquoketa River
- D-21 Island 241 Light
- D-22 Findley's Landing
- D-23 Hurricane Island
- D-24 Turkey River Reach

RECREATION
- R-1 Sunset Boat Basin

REGULATORY

Rock Island District has lead regulatory responsibility for the State of Illinois, the State of Iowa, and northeast Missouri. St. Paul District has lead regulatory responsibility for the State of Minnesota and the State of Wisconsin.

Planning Phase
Design Phase
Implementation/ Construction Phase
Operational Phase/ Study Completed

For more information about our projects, visit http://www2.mvr.usace.army.mil/projects/index.cfm

- Rock Island District Headquarters
- Quad Cities Mississippi River Project Office
- Mississippi Valley Regional Construction Office
- Mississippi Valley Regional Flood Fighting Center
- Lock & Dam
- Small Boat Harbor
- USACE Ranger Station
- USACE Recreation Area
- Thalweg Placement Site for Dredged Material
- Rock Island Field Office, U.S. Fish & Wildlife Service, Region 3
- Fish & Wildlife Service Refuge Office
- United States Coast Guard Office
- National Mississippi River Museum & Aquarium
- Augustana College
- University of Iowa, Lucille A. Carver Mississippi Riverside Environmental Research Station
- WIU: Kibbe Life Sciences Station
- Future WIU Quad Cities Campus
- USACE District Boundary
- Mississippi River Basin (16,621.5 Sq. Mi.)
- Drainage & Levee District
- County Boundary
- City

Map Prepared by the Rock Island District - Planning, Programs and Project Management GIS Team

Upper Mississippi River Basins delineated as HUC 0706 & 0711 as described at http://water.usgs.gov/GIS/huc_name.html

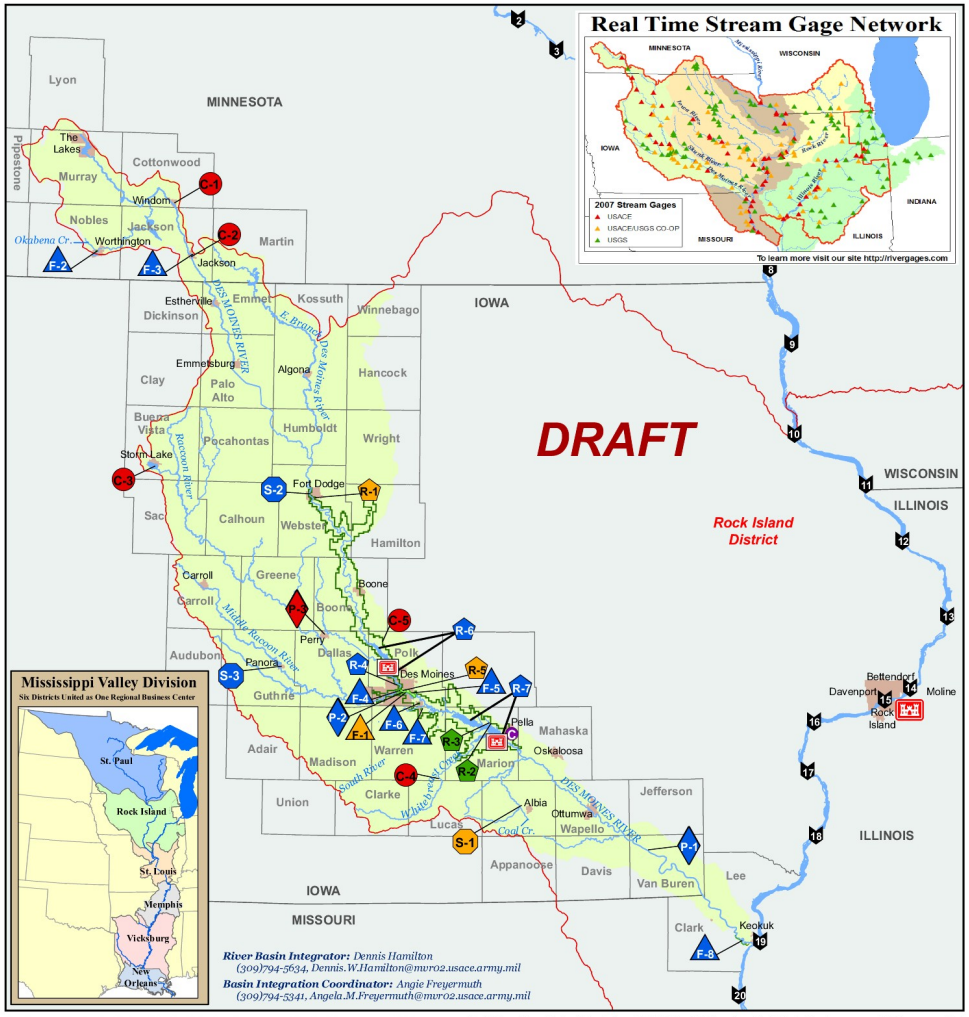
Map dated 14 January, 2008

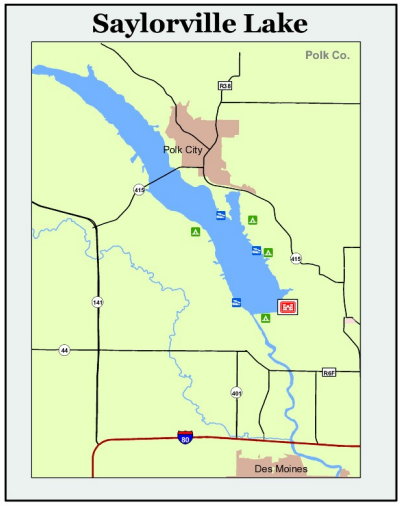
Regional Team Members Include

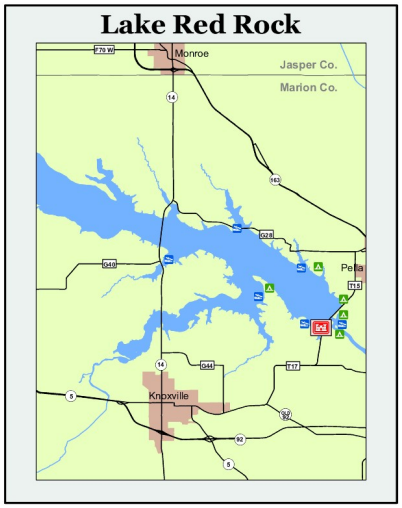
Des Moines and Racoon Rivers Basin

Corps Contributions to Interagency Integrated Water Resources Management

1995 - 2015







FLOOD DAMAGE REDUCTION

- F-1 Des Moines & Raccoon Rivers, IA
- F-2 Worthington, MN Local Flood Protection Project
- F-3 Jackson, MN Levee
- F-4 Des Moines, IA Local Flood Protection Project
- F-5 Southeast Des Moines, IA Remedial Works
- F-6 Avon Station, IA Remedial Works
- F-7 Carlisle, IA Remedial Works
- F-8 Des Moines - Mississippi Levee District No. 1, MO

Regional Studies

- National Levee GIS Database

Emergency Bank Protection

- S-1 Coal Creek, Monroe Co., IA
- S-2 Coats Addition Sewage Lagoons, Webster Co., IA
- S-3 Middle Raccoon River, Panora, IA

INFORMATION SERVICES & DECISION SUPPORT

Flood Plain Management Services (FPMS)

- P-1 Lower Des Moines River, IA Reconnaissance Study

Section 22 Planning Assistance to States (PAS)

- P-2 Des Moines Water Works, IA
- P-3 Perry, IA

ECOSYSTEM RESTORATION

Section 206

- C-1 Windom, MN Fish Passage
- C-2 Jackson, MN Fish Passage
- C-3 Storm Lake, IA
- C-4 Whitebreast Creek Watershed, IA

Section 1135

- C-5 Big Creek Spillway, IA

RECREATION

- R-1 Des Moines River Greenbelt - Fort Dodge Riverfront
- R-2 Des Moines River Greenbelt - Red Rock Trail
- R-3 Des Moines River Greenbelt - Cordova Center
- R-4 Des Moines River Greenbelt - Simon Estes Amphitheater
- R-5 Des Moines River Greenbelt - Des Moines Riverwalk
- R-6 Saylorville Lake
- R-7 Lake Red Rock

REGULATORY

Rock Island District has regulatory responsibility for the State of Iowa.
St. Paul District has regulatory responsibility for the State of Minnesota.

- Planning Phase
- Design Phase
- Implementation/Construction Phase
- Operational Phase/Study Completed

For more information about our projects, visit
http://www2.mvr.usace.army.mil/projects/index.cfm

- Rock Island District Headquarters
- Saylorville Lake Visitor Center
- Lake Red Rock Visitor Center
- Lock & Dam
- USACE Boat Launch
- USACE Campground
- Central College
- USACE District Boundary
- Des Moines/Skunk Rivers Basin (18,809.7 Sq. Mi.)
- Des Moines Recreational River & Greenbelt (638.8 Sq. Mi.)
- Drainage & Levee District
- County Boundary
- City

Map Prepared by the Rock Island District - Planning, Programs and Project Management GIS Team.

Des Moines River Basin delineated as HUC 0710 by USGS as described at http://water.usgs.gov/GIS/huc_name.html

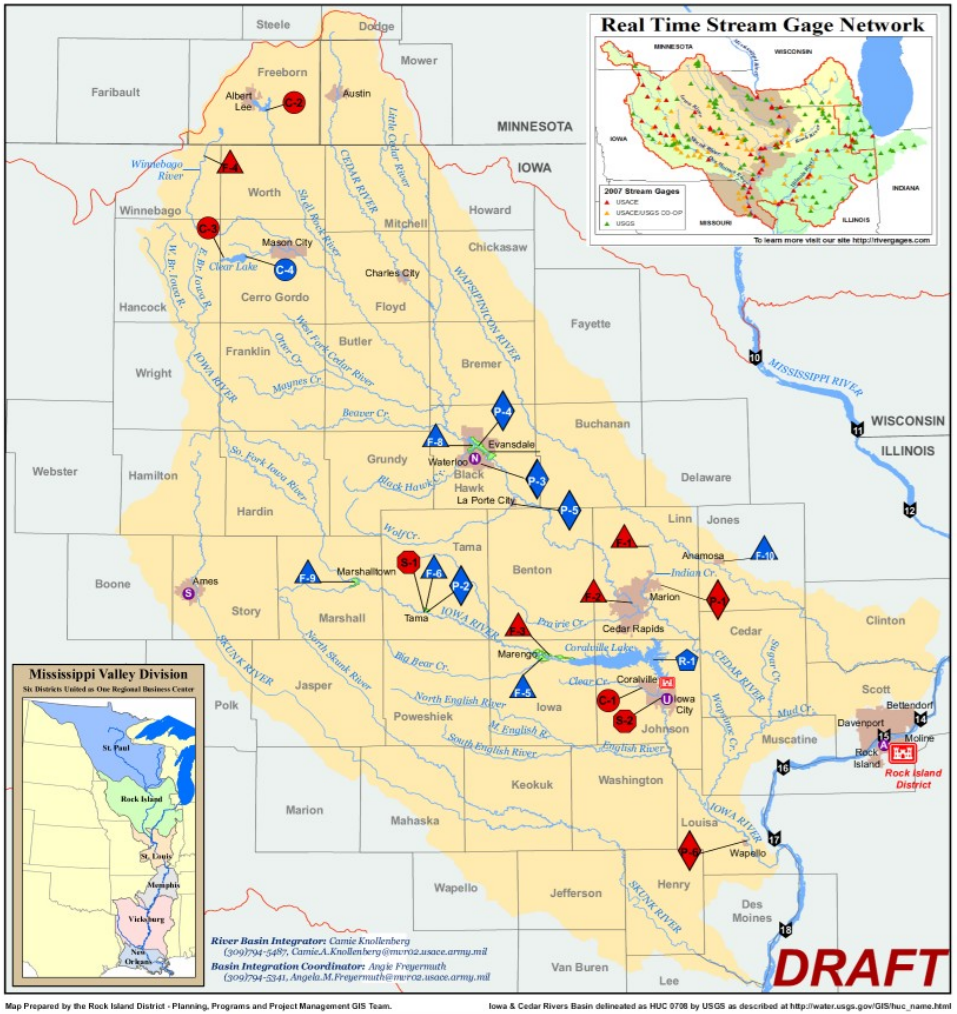
Map dated 14 January, 2008

Regional Team Members Include

Iowa & Cedar Rivers Basin

Corps Contributions to Interagency Integrated Water Resources Management

1995 - 2015



FLOOD DAMAGE REDUCTION

- F-1 Indian Creek Section 205
- F-2 Time Check Section 205
- F-3 Amana Levee Repair
- F-4 Winnebago River Section 205

PL84-99

- F-5 Marengo, IA Local Flood Protection Project
- F-6 Tama, IA Local Flood Protection Project
- F-7 Evansdale, IA Local Flood Protection Project
- F-8 Waterloo, IA Local Flood Protection Project
- F-9 Marshalltown, IA Local Flood Protection Project
- F-10 Manchester, IA Section 205

Regional Studies

- National Levee GIS Database

EMERGENCY BANK PROTECTION

- S-1 Sac & Fox Tribe in Iowa
- S-2 Iowa River, Iowa City, IA

RECREATION

- R-1 Coralville Reservoir

REGULATORY

Rock Island District has regulatory responsibility for the State of Iowa.

ECOSYSTEM RESTORATION

Section 206

- C-1 Clear Creek, IA
- C-2 Freeborn County, MN
- C-3 Ventura Marsh, IA

General Investigations

- C-4 Clear Lake, IA Reconnaissance Study

INFORMATION SERVICES & DECISION SUPPORT

Section 22 Planning Assistance to States (PAS)

- P-1 Marion, IA Mapping
- P-2 Sac & Fox Tribe in Iowa
- P-3 Black Hawk County, IA
- P-4 Waterloo Riverwalk, IA
- P-5 La Porte City, IA

Flood Plain Management Services (FPMS)

- P-6 Iowa River Streambank Erosion Control & Evaluation

Planning Phase
Design Phase
Implementation/Construction Phase
Operational Phase/Study Completed

For more information about our projects, visit http://www2.mvr.usace.army.mil/projects/index.cfm

- Rock Island District Headquarters
- Coralville Lake Visitors Center
- Lock & Dam
- USACE Boat Launch
- USACE Campground
- Augustana College
- University of Iowa
- Northern Iowa University
- Iowa State University
- State Boundary
- USACE District Boundary
- Iowa & Cedar Rivers Basin (12,654 Sq. Mi.)
- Drainage & Levee District
- County Boundary
- City

Map Prepared by the Rock Island District - Planning, Programs and Project Management GIS Team.

Iowa & Cedar Rivers Basin delineated as HUC 0708 by USGS as described at http://water.usgs.gov/GIS/huc_name.html

Map dated 14 January, 2008

Regional Team Members Include

US Army Corps of Engineers®

FY 09 Budget
(x$1,000)

	Pres. Budget
Investigations	$ 400
Construction*	$ 48,600
Operations & Maintenance**	$114,559

Notes:
*Includes Total EMP (3 Districts)
**Includes Major Rehabilitation & Inland Waterways Trust Fund

US Army Corps of Engineers®

Program Comparison

($1,000)

	FY 07	FY 08	FY 08	FY 09
Approp.	Expended	Pres. Budget	Conference	Budget*
Investigations	15,918.8	400	10,640	400
Construction**	47,424.2	50,907	48,334	48,600***
O&M	74,983.4	91,602	85,750	114,559
Total	138,326.4	142,909	144,724	163,559

Notes:

* Excludes Programmatic Funding (Remaining Items/CAP)

** Includes Major Rehabs.

*** Includes Total EMP (3 Districts)

US Army Corps of Engineers®

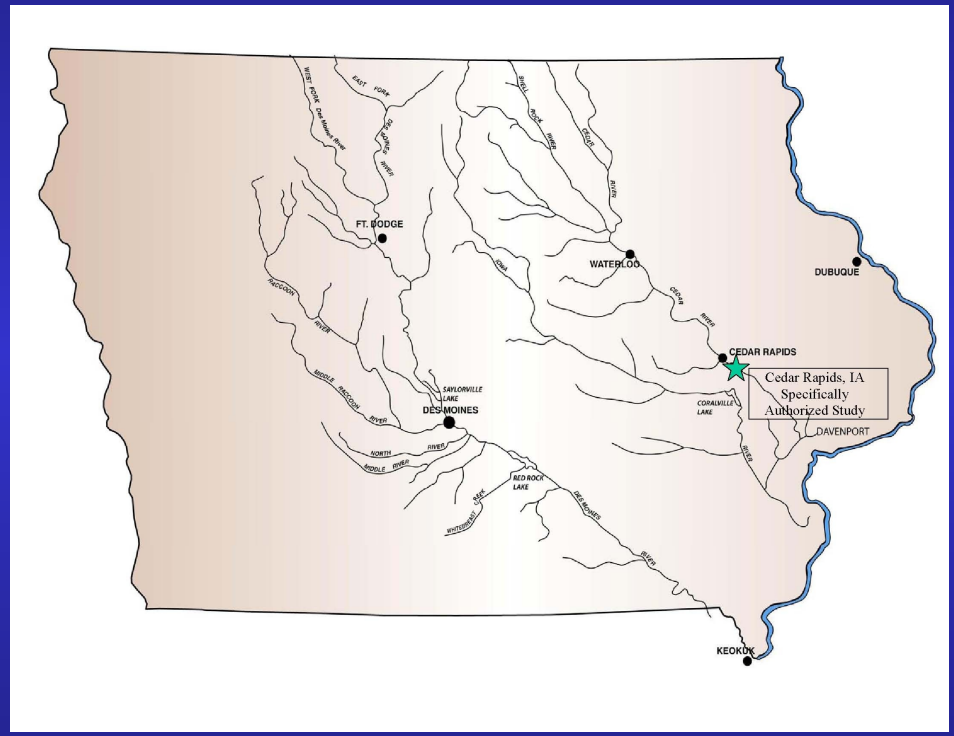
Investigations State of Iowa FY 09 Budget
(x$1,000)

	Pres Budget	Efficient Fundin
Cedar River (Time Check) (FEAS)	$ 0	$ 300
Comprehensive Plan (FEAS)	$ 0	$ 720
Des Moines & Raccoon Rvrs, IA (PED)	$ 0	$ 215
Humboldt, IA (	$ 0	$ 152
NESP (PED) (3	$ 0	$ 15,000

Cedar River (Time Check) (FEAS)

US Army Corps of Engineers®

- Mix of residential, commercial, and light industrial uses
- Levee was constructed by a largely volunteer force in the mid 1960's
- Flood protection does not meet FEMA standards



UMR Comprehensive Plan

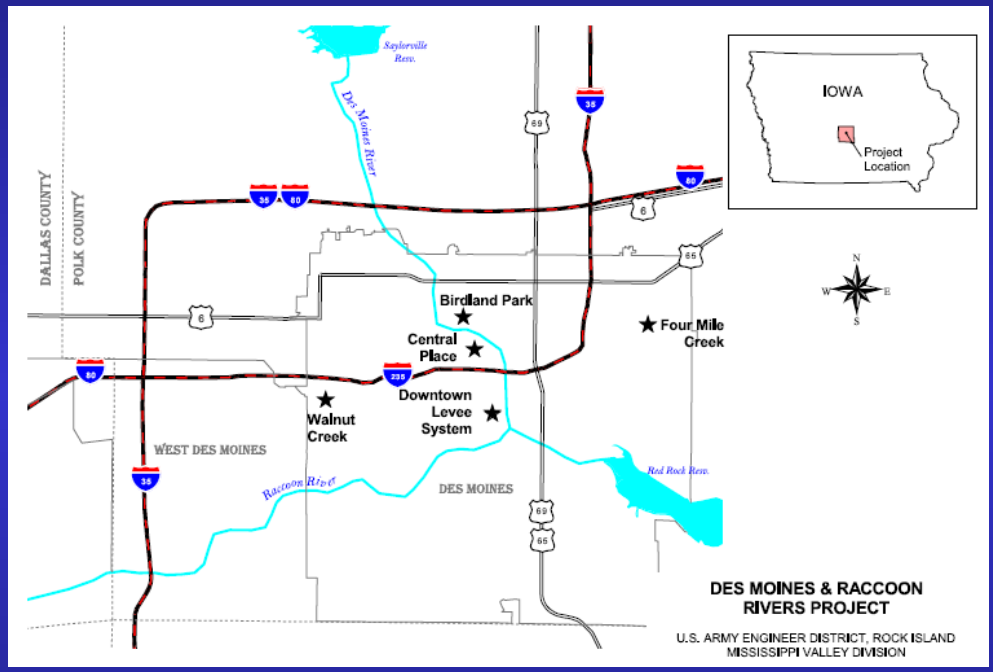
US Army Corps of Engineers®

- Congressional Add FY 2002
- Problem: Region Lacks a Systemic Plan for Flood Damage Reduction
- Project: Plan Formulation & Alternative Evaluation

Des Moines & Raccoon Rivers, IA (PED)

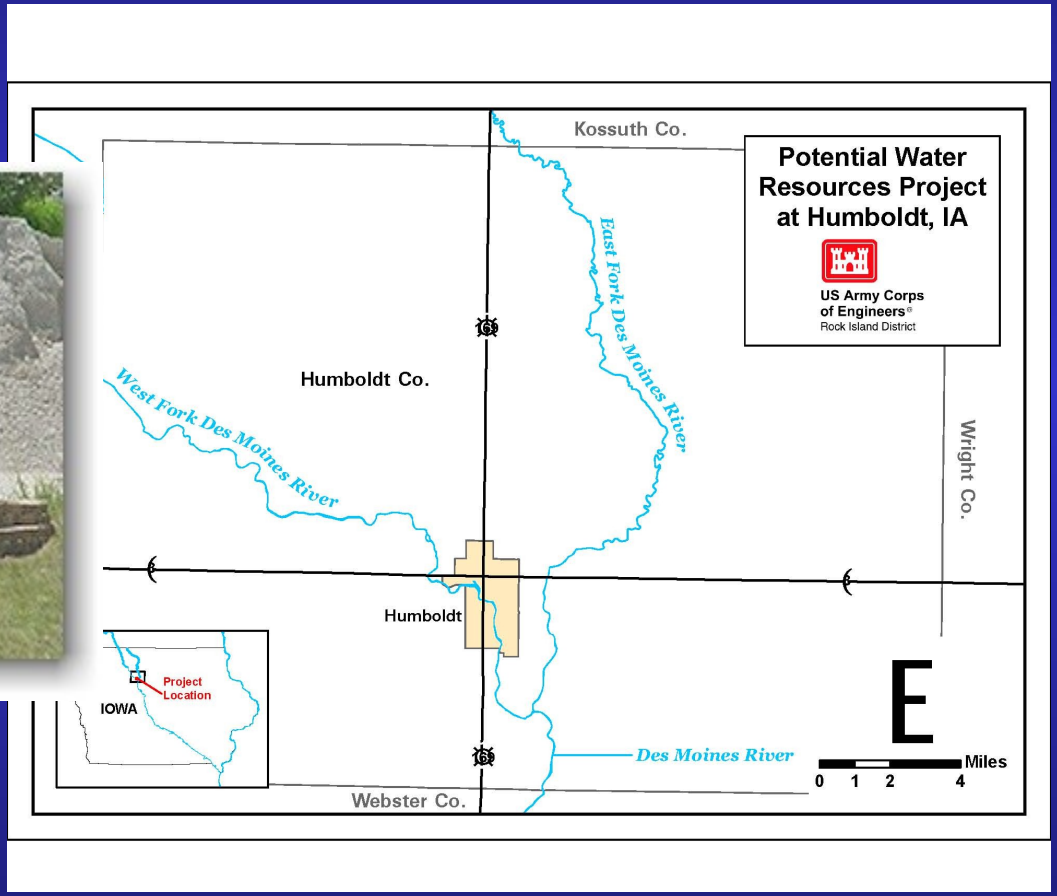
US Army Corps of Engineers®

- Recommended Plan:
  - Reconstruct 13,600 feet of levee
  - Improve the reliability of some closures
  - Construct a recreational trail on top of the Birdland Park levee
- Want to Complete



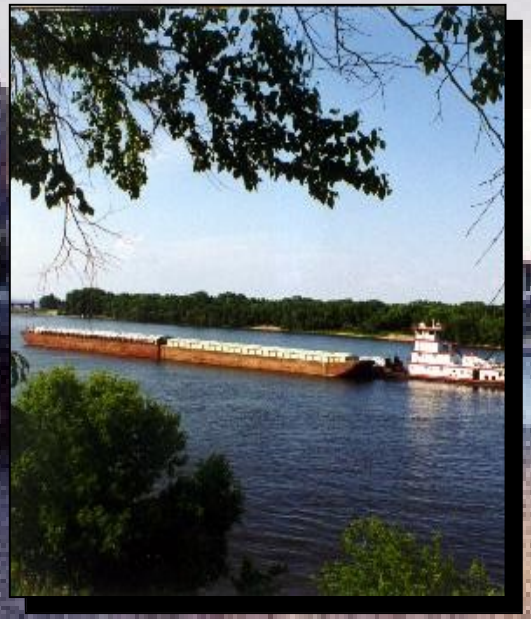
US Army Corps of Engineers®

Humboldt, IA (RECON & FEAS)



Navigation & Ecosystem Sustainability Program (NESP)

US Army Corps of Engineers®



Navigation **Environment**

Comparable Progress

One Corps Serving the Armed Forces and the Nation

US Army Corps of Engineers®

First Increment Navigation Projects $2.21 Billion (Oct 2006)

- Mooring facilities @ various sites
- Switchboats @ Locks 20 through 25
- 1200’ chambers at Locks 20 - 25, LaGrange & Peoria
- Mitigation for incremental traffic effects
- Traffic management
- Study & evaluation – second increment

US Army Corps of Engineers®

First Increment Ecosystem Restoration

$1.717 Billion (Oct 2006)

- Fish passage @ Dams 4, 8, 22 & 26
- Changes in water control @ Dams 25 & 16
- Adaptive implementation of 225 small habitat projects
  - Island building
  - Water level management
  - Backwater/side channel restoration
  - Wing dam/dike alterations
  - Island shoreline protection
- 35,000 acres of floodplain restoration (willing sellers)
- Continued study & monitoring

US Army Corps of Engineers®

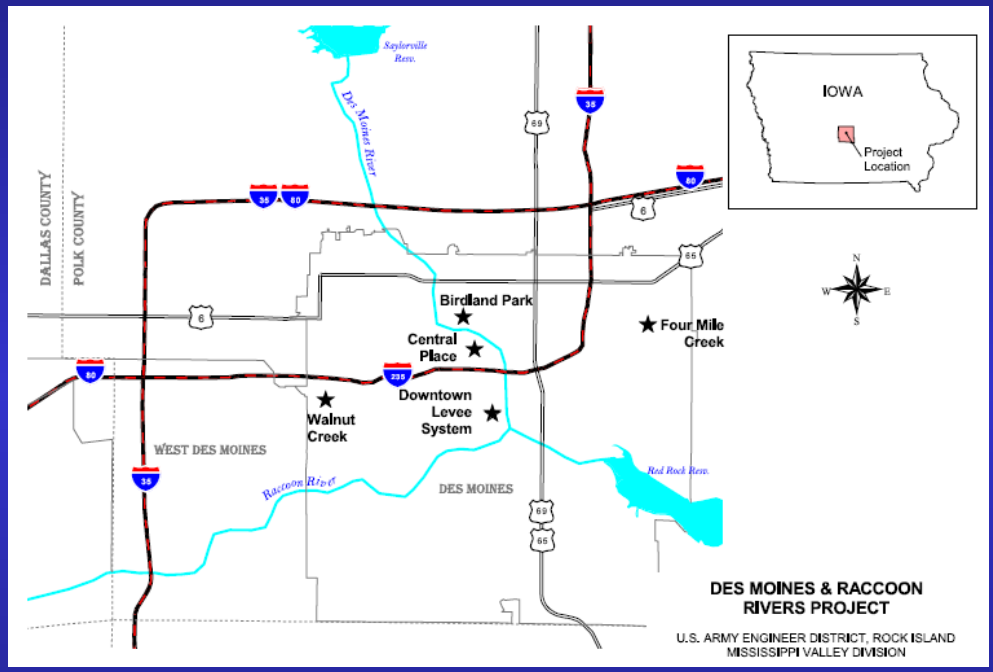
Construction State of Iowa FY 09 Budget
(x$1,000)

	Pres Budget	Efficient Funding
Des Moines & Raccoon Rvrs, IA	$ 0	$ 6,962
Des Moines Rec Rvr & Greenbelt	$ 0	$ 16,840
Davenport	$ 0	$ 4,850
EMP (3 District Total)	$20,000	$ 33,520
NESP	$ 0	$ 50,200

US Army Corps of Engineers®

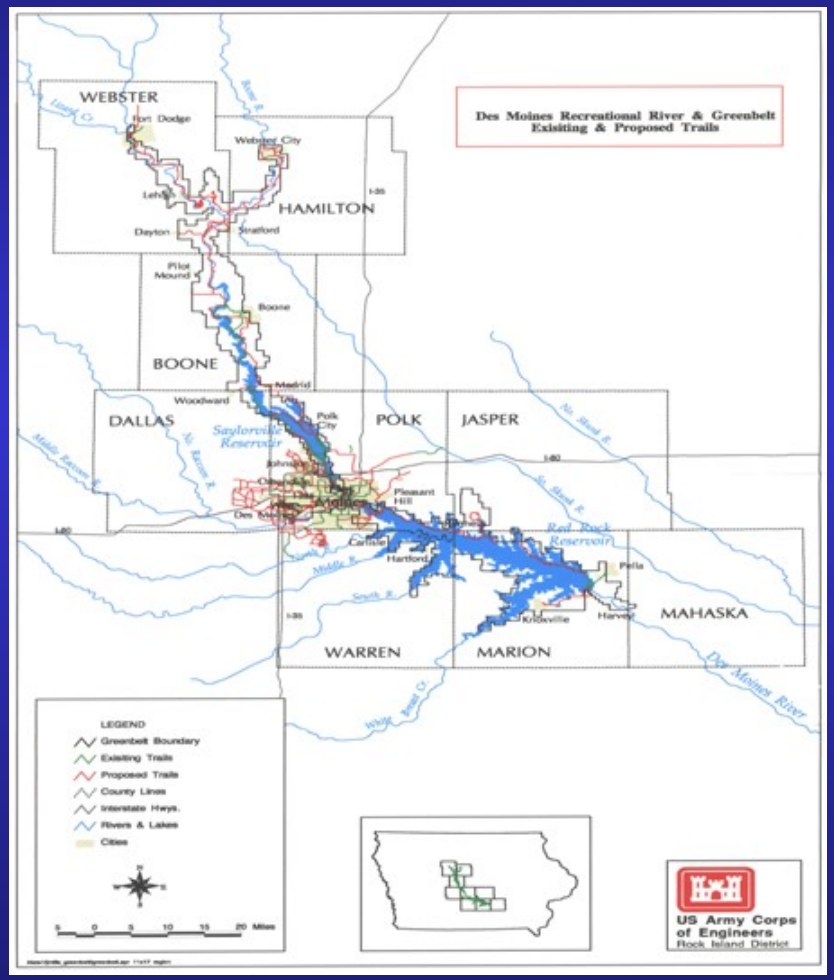
Des Moines & Raccoon Rivers, IA

- Recommended Plan:
  - Reconstruct 13,600 feet of levee
  - Improve the reliability of some closures
  - Construct a recreational trail on top of the Birdland Park levee
- Want to Complete



US Army Corps of Engineers®

Des Moines Recreational River & Greenbelt



US Army Corps of Engineers®

Davenport, IA
Local Flood Protection

- Sufficient funding would allow completion of planning, engineering, and design activities and award of Phase 2 contract.
- Could use $4,661,000 Construction in FY 09
- $0 in Pres. FY 09 Budget
- Protects water treatment plant serving 130,000 people

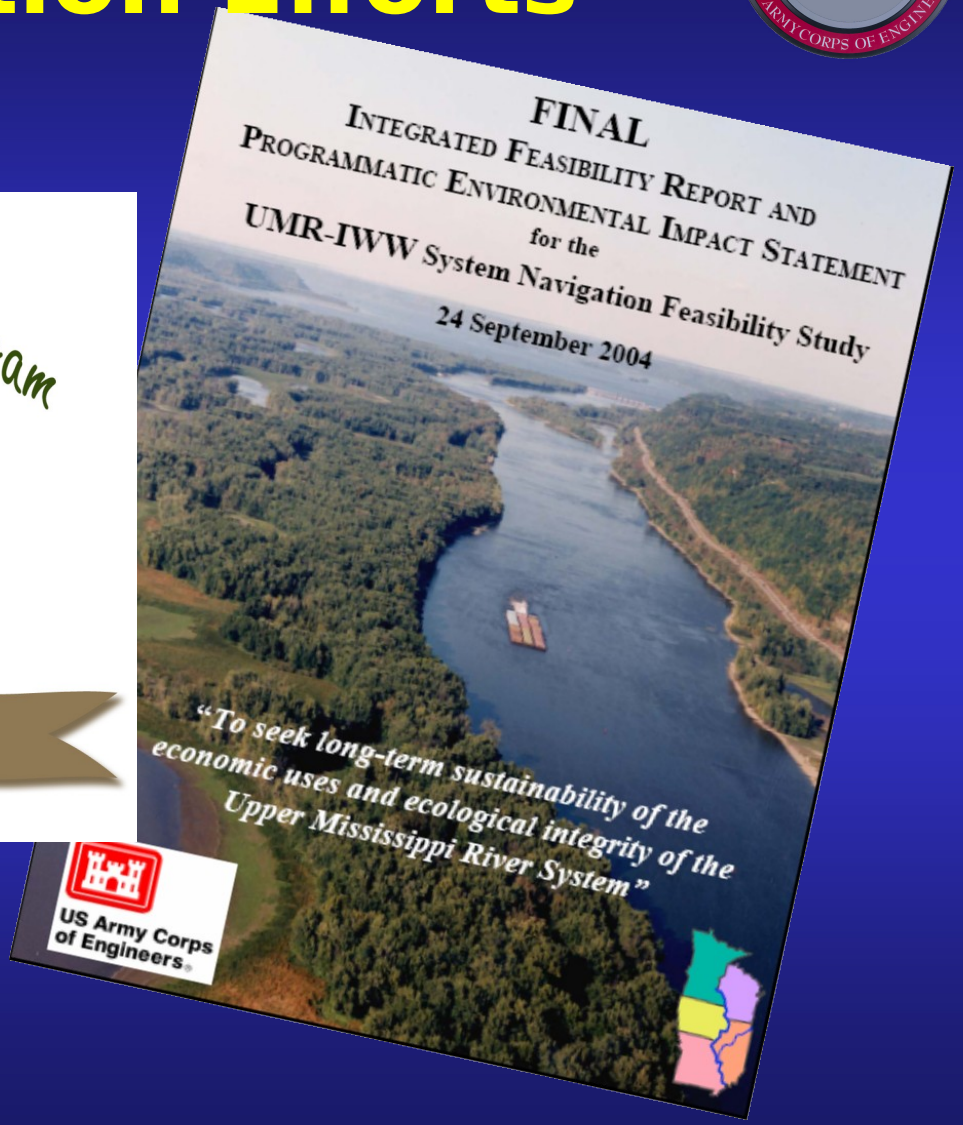
US Army Corps of Engineers®

Environmental Management Program

- Completed Pool 11 Islands
- Started Lake Odessa last fall
- Planning over 25 Habitat Restoration and Enhancement Projects
- Completed over 50 projects impacting 83,000 acres
- Last Year was the 20th anniversary of the Environmental Management Program

The Future of Ecosystem Restoration Efforts

US Army Corps of Engineers®


FINAL
Integrated Feasibility Report and
Programmatic Environmental Impact Statement
for the
UMR-IWW System Navigation Feasibility Study
24 September 2004
"To seek long-term sustainability of the economic uses and ecological integrity of the Upper Mississippi River System"
US Army Corps of Engineers

Navigation & Ecosystem Sustainability Program (NESP)

US Army Corps of Engineers®

NAVIGATION COMPONENT:

Initiate Construction of Mooring Cells (14, 24 & La Grange)
$3,600,000

Initiate Implementation of Switchboats (any of Locks 20 - 25)
$2,000,000

Lock 22 Upstream Channel work
$2,000,000

TOTAL **$7,600,000**

ECOSYSTEM RESTORATION COMPONENT:

Systemic Cultural Stewardship (2 sites)	$500,000
Forestry Management (Reno Bottoms)	$600,000
Fish Passage @ L&D 22	$500,000
Pool Water Level Management – Pool 5	$500,000
Pool Water Level Management – Pool 18	$800,000

Island Shoreline Protection (2 sites)
$600,000

Side Channel Restoration (2 sites
$3,400,000

Continuing Authorities Program

US Army Corps of Engineers®

(x$000)

	FY 09	FY 09	Budget	Efficient Funding
Emergency Streambank (14)				
▪ IA River, IA City, Johnson Co., IA		$ 0	$ 198	
▪ Lake McBride, Johnson Co., IA	$ 0	$ 100		
▪ North Skunk River, Poweshiek Co., IA		$ 0		$ 100
▪ North Raccoon River, Perry, IA		$ 0	$ 100	
▪ Des Moines Rvr, Keosaugua, Van Burne Co.		$ 0	$ 100	
▪ Bear Creek, Roland, Story Co., IA	$ 0		$ 100	
Beneficial Use of Dredged Material (204)				
▪ Blackhawk Bottoms, Des Moines Co.			$ 596	$ 787
Flood Control (205)				
▪ Mad Creek, Muscatine IA	$ 0		$ 2,790	
▪ Indian Creek, Cedar Rvr., Cedar Rapids		$ 0		$ 350
▪ Winnebago Rvr, Mason City, IA	$ 0			$ 200
Aquatic Ecosystem Restoration (206)				
▪ Whitebreat Watershd Ecosystem Rest.		$ 0	$ 121	
▪ Duck Creek/Fairmount Park Wetland Rest.		$ 0	$ 216	
▪ IA River/Clear Creek, Johnson Co., IA		$ 0	$ 112	
▪ Clear Lake (Ventura Marsh)	$ 3,466	$ 910		
▪ Storm Lake, IA	$ 140	$ 150		

US Army Corps of Engineers®

Operations & Maintenance FY 09 Budget

(x$1,000)

	Pres. Budget	Efficient Funding
Mississippi River	$ 63,207	$ 86,135
Coralville Lake	$ 2,887	$ 5,587
Red Rock	$ 3,278	$ 6,653
Saylorville Lake	$ 3,909	$ 6,792
Inspection of Completed Works	$ 1,973	$ 1,973

US Army Corps of Engineers®

FY 09 Mississippi River Project President's Budget
$63,207,000

- Additional needs:
  - Major maintenance Lock 11 Stage 3
  - Concrete Repairs & Monitoring Lock 18
  - Miter Gates Lock 20
  - Dredging & Dredge Site Acquisition

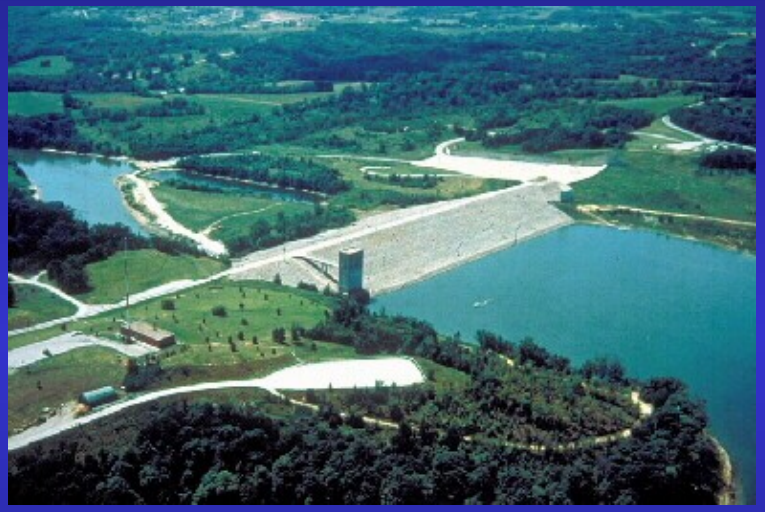
US Army Corps of Engineers®

FY 09 Coralville Lake President's Budget

$2,887,000

- - $1,424,000

- Potential reduced levels of service:
  - Recreation areas
  - Natural resource management



- Additional needs:
  - Amana Levee Design Report
  - Erosion Repair @ Tailwater East
  - Repair Service Roads
  - Boundary Monumentation
  - Design B/H to Rehab Outlet Works

US Army Corps of Engineers®

FY 09 Lake Red Rock President's Budget

$3,278,000

- - $1,469,000

- Potential reduced levels of service:
  - Recreation areas
  - Natural resource management

- Additional needs:
  - Design Tainter B/H & Track System
  - Paint Machinery Deck-Control Structure
  - Repair Service Roads
  - Boundary Monumentation

US Army Corps of Engineers®

FY 09 Saylorville Lake President's Budget

$3,909,000

- - $1,279,000

- Potential reduced levels of service:
  - Recreation areas
  - Natural resource management

- Additional needs:
  - Replace Barrier Dam Pump
  - Repair Slide Gates
  - Dam Monitoring System
  - Relief Wells Efficiency Evaluation
  - Repair Service Roads
  - Boundary Monumentation

US Army Corps of Engineers®

Regulatory Program

Average Annual Permit Actions in the Rock Island District

Individual Permits	132	
Percentage of Permits Approved	99.6%	
Permit Denials		5
Letters of Permission		30
Regional Permits	42	
Nationwide Permit Verification	1,169	
No Permit Required Determinations		323

Total Yearly Permit Actions
1,701

US Army Corps of Engineers®

Regulatory Issues to Watch

- Supreme Court decision on Corps jurisdiction & implementing guidance
- Regional supplements to the 1987 Wetlands Delineation Manual
- Mitigation rule/mitigation
s

US Army Corps of Engineers®

Points of Contact

Commander
COL Robert Sinkler
309-794-5249

Contracting
Rhonda Johanson, Chief
309-794-5312

Emergency Operations
Kent Stenmark, Chief
309-794-5325

Engineering and Construction
Denny Lundberg, Chief
309-794-5664

Operations
Steve Russell, Acting Chief
309-794-5501

Planning, Programs & Project Management
Gary Meden, Chief
309-794-5260

Regulatory
Dan Johnson, Chief
309-794-5370

Rock Island District Website: www.mvr.usace.army.mil

One Corps Serving the Armed Forces and the Nation

Presentation
To The

State of Iowa Officials

April 4, 2008